



1746

Attorney's Docket No. 4711/TCG/TPG/OTHER/LE

PATENT

SACH

#4

12-7-01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Patent Application of:

Steven Verhaverbeke, et al.

Application No.: 09/891,849

Filed: June 25, 2001

For: METHOD AND APPARATUS FOR  
WAFER CLEANING

Art Unit: ~~Not yet assigned~~ 1746

Art Unit: ~~Not yet assigned~~ Markoff

Commissioner for Patents  
Washington, D.C. 20231

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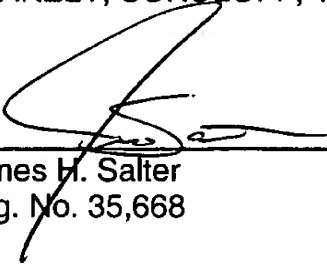
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Respectfully submitted,

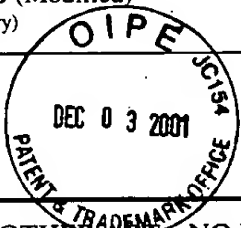
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: October 18, 2001

  
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<b>Substitute for Form 1449A/PTO (Modified)</b> (use as many sheets as necessary)		<b>Attorney Docket No.:</b> 004711/TCG/TPG/other/LE	<b>Application Number:</b> 09/891,849
		<b>First Named Inventor:</b> Steven Verhaverbeke	
		<b>Filing Date:</b> June 25, 2001	
<b>OTHER ART - NO PATENT LITERATURE DOCUMENTS</b>			
Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation <sup>2</sup>
	D	"Powerful Solutions for Critical Cleaning". ProSys, Product Systems, Inc., 1p., 1998 <a href="http://www.prosysmeg.com/body_index.html">http://www.prosysmeg.com/body_index.html</a>	
	E	"Ultrasonic Cleaning - Fundamental Theory and Application", PMR Systems, 2 pp. 6/5/00 <a href="http://www.pmrsystems.com/page10.html">http://www.pmrsystems.com/page10.html</a>	
	F	"Advanced Megasonic Cleaning". Vennerbeck, R., 9 pp., 6/5/00 <a href="http://www.pmrsystems.com/presentations/DVFP598-Final/sld001.htm">http://www.pmrsystems.com/presentations/DVFP598-Final/sld001.htm</a>	
	G	"Polymer Piezoelectric Transducers For Ultrasonic NDE". Bar-Cohen, et al., 8 pp., 9/96, <a href="http://www.ndt.net/article/yosi/yosi.htm">http://www.ndt.net/article/yosi/yosi.htm</a>	
	H	"Piezoelectric Transducers", 1 p., 2/20/98 <a href="http://www.bae.ncsu.edu/bae/research/bla...k/electrodes/projects/sensors/piezo.html">http://www.bae.ncsu.edu/bae/research/bla...k/electrodes/projects/sensors/piezo.html</a>	
	I	"Comment on Particle Removal Mechanisms Via Megasonic Energy", Wu, et al., VerTEQ, Inc., 6/5/00; 3 pp., <a href="http://www.verteq.com/company/papers/VRTQ_MegMech1.htm">http://www.verteq.com/company/papers/VRTQ_MegMech1.htm</a>	<div style="writing-mode: vertical-rl; transform: rotate(180deg);"> <b>RECEIVED</b>            DEC 05 2001            TC 1700         </div>
	J	"Typical Uses/Definition of Material Properties". Channel Industries, 6/5/00; 2 pp. <a href="http://www.sonatech.com/page04.htm">http://www.sonatech.com/page04.htm</a>	
	K	"Piezoelectric Ceramic", Channel Industries-, 6/5/00, 3 pp. <a href="http://sonatech.com/page03.htm">http://sonatech.com/page03.htm</a>	
	L	"What is the "venturi affect?", Van Dien, Nature.Net; 12/13/99, 6 pp. <a href="http://www.nature.net/forums/load/weather/msg12161915959.html">http://www.nature.net/forums/load/weather/msg12161915959.html</a>	
	M	"What is the Boundary Layer as it Relates to Megasonic Cleaning?", ProSys, 6/5/00, 3.pp. <a href="http://www.prosysmeg.com/html/body_boundary-layer.html">http://www.prosysmeg.com/html/body_boundary-layer.html</a>	

Examiner Signature	Date Considered
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\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

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	<b>First Named Inventor:</b> Steven Verhaverbeke	
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**OTHER ART - NO PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation <sup>2</sup>
	N	"Megasonic Cleaning System, Model 2000 SS", 6/5/00, 2 pp. <a href="http://www.seamboatsemi.com/equipment/megasonic.html">http://www.seamboatsemi.com/equipment/megasonic.html</a>	
	O	"Megasonic Cleaning-What is megasonic cleaning?", 6/5/00, 3 pp. <a href="http://www.prosysmeg.com/html/body_megasonics.html">http://www.prosysmeg.com/html/body_megasonics.html</a>	
	P	"The Semiconductor Manufacturing Process: Wafer Lapping & Polishing". Fullman-Kinetics; 6/18/00, 2 pp.	
	Q	"19 <sup>th</sup> Annual Semiconductor Pure Water and Chemicals Conference", 2000 Proceedings 3/13-16/2000, Santa Clara Convention Center, Santa Clara, CA - pages 318-328, 13 pp.	

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